

SEQUENCE LISTING

<110> Briggs, Kristen
Dialynas, Deno
Lucas, John
Scalia, Aaron

10 Nov 2003 PCT/PT 10 15 10 00 02
30 SEP 2005

<120> XCRF Polynucleotides and Polypeptides and Uses Thereof

<130> WO775

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<141> 2003-21-03

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<212> DNA

<213> Homo sapiens

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Val	Ser	Ser	Gly	Gly	Pro	Glu	Gly	His	Tyr	Glu	Met	Leu	Gly	Thr	Cys	
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Arg	Thr	Asp	Gly	Gly	Asp	Ala	Leu	Ser	Glu	Gln	Ser	Gly	Ala	Pro	Pro	
	45				50					55					60	
cct	tcc	acg	ctg	gtg	cag	ggc	ccc	cag	ggg	aag	ccg	ggc	cgc	acc	ggc	241
Pro	Ser	Thr	Leu	Val	Gln	Gly	Pro	Gln	Gly	Lys	Pro	Gly	Arg	Thr	Gly	
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Lys	Pro	Gly	Pro	Pro	Gly	Pro	Pro	Gly	Asp	Pro	Gly	Pro	Pro	Gly	Pro	
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Val	Gly	Pro	Pro	Gly	Glu	Lys	Gly	Glu	Pro	Gly	Lys	Pro	Gly	Pro	Pro	
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ggg	ctg	ccg	ggc	gcg	ggg	ggc	agc	ggc	gcc	atc	agc	act	gcc	acc	tac	385
Gly	Leu	Pro	Gly	Ala	Gly	Gly	Ser	Gly	Ala	Ile	Ser	Thr	Ala	Thr	Tyr	
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 Thr Thr Val Pro Arg Val Ala Phe Tyr Ala Gly Leu Lys Asn Pro His
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gag ggt tac gag gta ctc aag ttt gac gac gtg gtc acc aac cta ggc 481
 Glu Gly Tyr Glu Val Leu Lys Phe Asp Asp Val Val Thr Asn Leu Gly
 145 150 155

aac aac tac gac gcg gcc agc ggc aag ttt acg tgc aac att ccc ggc 529
 Asn Asn Tyr Asp Ala Ala Ser Gly Lys Phe Thr Cys Asn Ile Pro Gly
 160 165 170

acc tac ttt ttc acc tac cat gtc ctc atg cgc ggc ggc gac ggc acc 577
 Thr Tyr Phe Phe Thr Tyr His Val Leu Met Arg Gly Gly Asp Gly Thr
 175 180 185

agt atg tgg gca gac ctc tgc aag aat ggc cag gtg cgg gcc agt gct 625
 Ser Met Trp Ala Asp Leu Cys Lys Asn Gly Gln Val Arg Ala Ser Ala
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 Ile Ala Gln Asp Ala Asp Gln Asn Tyr Asp Tyr Ala Ser Asn Ser Val
 205 210 215 220

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 Ile Leu His Leu Asp Ala Gly Asp Glu Val Phe Ile Lys Leu Asp Gly
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 Gly Lys Ala His Gly Gly Asn Ser Asn Lys Tyr Ser Thr Phe Ser Gly
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<213> Homo sapiens

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 35 40 45
 Gly Asp Ala Leu Ser Glu Gln Ser Gly Ala Pro Pro Pro Ser Thr Leu

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Pro Gly Pro Pro Gly Asp Pro Gly Pro Pro Gly Pro Val Gly Pro Pro			
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Gly Glu Lys Gly Glu Pro Gly Lys Pro Gly Pro Pro Gly Leu Pro Gly			
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Ala Gly Gly Ser Gly Ala Ile Ser Thr Ala Thr Tyr Thr Thr Val Pro			
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	130	135	140
Val Leu Lys Phe Asp Asp Val Val Thr Asn Leu Gly Asn Asn Tyr Asp			
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Ala Ala Ser Gly Lys Phe Thr Cys Asn Ile Pro Gly Thr Tyr Phe Phe			
	165	170	175
Thr Tyr His Val Leu Met Arg Gly Gly Asp Gly Thr Ser Met Trp Ala			
	180	185	190
Asp Leu Cys Lys Asn Gly Gln Val Arg Ala Ser Ala Ile Ala Gln Asp			
	195	200	205
Ala Asp Gln Asn Tyr Asp Tyr Ala Ser Asn Ser Val Ile Leu His Leu			
	210	215	220
Asp Ala Gly Asp Glu Val Phe Ile Lys Leu Asp Gly Gly Lys Ala His			
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<220>

<221> CDS

<222> (1)... (864)

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Pro Pro Gly Ala Ala His Tyr Glu Met Leu Gly Thr Cys Arg Met Ile	
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tgt gac cca tac agc gtc gct ccc gca ggg gga ccc gcg ggc gcc aag	144
Cys Asp Pro Tyr Ser Val Ala Pro Ala Gly Gly Pro Ala Gly Ala Lys	
35 40 45	
gct cca ccg ccg gga ccc agt acc gct gcc ctg gaa gtt atg cag gac	192
Ala Pro Pro Pro Gly Pro Ser Thr Ala Ala Leu Glu Val Met Gln Asp	
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ctc agc gcc aac ccc ccg cct ccg ttt atc cag gga cca aag ggt gat	240
Leu Ser Ala Asn Pro Pro Pro Pro Phe Ile Gln Gly Pro Lys Gly Asp	
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Pro Gly Arg Pro Gly Lys Pro Gly Pro Arg Gly Pro Pro Gly Glu Pro	
85 90 95	
ggg cct cct ggg ccc agg ggt ccc ccg gga gag aaa gga gac tcg ggg	336
Gly Pro Pro Gly Pro Arg Gly Pro Pro Gly Glu Lys Gly Asp Ser Gly	
100 105 110	
agg cca ggg cta ccc gga ctg cag ttg aca acc agc gcg gcc gg t ggc	384
Arg Pro Gly Leu Pro Gly Leu Gln Leu Thr Thr Ser Ala Ala Gly Gly	
115 120 125	
gtt gga gtg gtg agt ggc gga acc ggg ggc ggt ggc gac acg gag gga	432
Val Gly Val Val Ser Gly Gly Thr Gly Gly Gly Gly Asp Thr Glu Gly	
130 135 140	
gaa gtg acc agt gcg ctg agc gcc gcc ttc agc ggt ccc aag atc gcc	480
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145 150 155 160	
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Phe Tyr Val Gly Leu Lys Ser Pro His Glu Gly Tyr Glu Val Leu Lys	
165 170 175	
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Phe Asp Asp Val Val Thr Asn Leu Gly Asn His Tyr Asp Pro Thr Thr	
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ggc aag ttc agc tgc cag gtg cgg ggc atc tac ttc ttc acg tac cac	624
Gly Lys Phe Ser Cys Gln Val Arg Gly Ile Tyr Phe Phe Thr Tyr His	
195 200 205	
att ctc atg cgt ggc ggc gac gga acc agc atg tgg gcg gat ctc tgc	672
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Asn Tyr Asp Tyr Ala Ser Asn Ser Val Val Leu His Leu Asp Ser Gly	
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Asp Glu Val Tyr Val Lys Leu Asp Gly Gly Lys Ala His Gly Gly Asn	
260 265 270	
aat aac aag tac agc acg ttc tcg ggc ttc ctc ctg tat ccg gat tag	864
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<400> WO 03/082915

PCT/EP03/50081

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Cys Asp Pro Tyr Ser Val Ala Pro Ala Gly Gly Pro Ala Gly Ala Lys
35 40 45
Ala Pro Pro Pro Gly Pro Ser Thr Ala Ala Leu Glu Val Met Gln Asp
50 55 60
Leu Ser Ala Asn Pro Pro Pro Pro Phe Ile Gln Gly Pro Lys Gly Asp
65 70 75 80
Pro Gly Arg Pro Gly Lys Pro Gly Pro Arg Gly Pro Pro Gly Glu Pro
85 90 95
Gly Pro Pro Gly Pro Arg Gly Pro Pro Gly Glu Lys Gly Asp Ser Gly
100 105 110
Arg Pro Gly Leu Pro Gly Leu Gln Leu Thr Thr Ser Ala Ala Gly Gly
115 120 125
Val Gly Val Val Ser Gly Gly Thr Gly Gly Gly Gly Asp Thr Glu Gly
130 135 140
Glu Val Thr Ser Ala Leu Ser Ala Ala Phe Ser Gly Pro Lys Ile Ala
145 150 155 160
Phe Tyr Val Gly Leu Lys Ser Pro His Glu Gly Tyr Glu Val Leu Lys
165 170 175
Phe Asp Asp Val Val Thr Asn Leu Gly Asn His Tyr Asp Pro Thr Thr
180 185 190
Gly Lys Phe Ser Cys Gln Val Arg Gly Ile Tyr Phe Phe Thr Tyr His
195 200 205
Ile Leu Met Arg Gly Gly Asp Gly Thr Ser Met Trp Ala Asp Leu Cys
210 215 220
Lys Asn Gly Gln Val Arg Ala Ser Ala Ile Ala Gln Asp Ala Asp Gl n
225 230 235 240
Asn Tyr Asp Tyr Ala Ser Asn Ser Val Val Leu His Leu Asp Ser Gly
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Arg Gly Pro Ala His Tyr Glu Met Leu Gly Arg Cys Arg Met Val Cys
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gac ccg cat ggg ccc cgt ggc cct ggt ccc gac ggc gcg cct gct tcc 144
Asp Pro His Gly Pro Arg Gly Pro Gly Pro Asp Gly Ala Pro Ala Ser

gtg ccc ccc ttc ccg cca ggc gcc aag gga gag gtg ggc cgg cgc ggg	192
Val Pro Pro Phe Pro Pro Gly Ala Lys Gly Glu Val Gly Arg Arg Gly	
50 55 60	
aaa gca ggc ctg cgg ggg ccc cct gga cca cca ggt cca aga ggg ccc	240
Lys Ala Gly Leu Arg Gly Pro Pro Gly Pro Pro Gly Pro Arg Gly Pro	
65 70 75 80	
cca gga gaa ccc ggc agg cca ggc ccc ccg ggc cct ccc ggt cca ggt	288
Pro Gly Glu Pro Gly Arg Pro Gly Pro Pro Gly Pro Pro Gly Pro Gly	
85 90 95	
ccg ggc ggg gtg gcg ccc gct gcc ggc tac gtg cct cgc att gct ttc	336
Pro Gly Gly Val Ala Pro Ala Ala Gly Tyr Val Pro Arg Ile Ala Phe	
100 105 110	
tac gcg ggc ctg cgg cgg ccc cac gag ggt tac gag gtg ctg cgc ttc	384
Tyr Ala Gly Leu Arg Arg Pro His Glu Gly Tyr Glu Val Leu Arg Phe	
115 120 125	
gac gac gtg gtg acc aac gtg ggc aac gcc tac gag gca gcc agc ggc	432
Asp Asp Val Val Thr Asn Val Gly Asn Ala Tyr Glu Ala Ala Ser Gly	
130 135 140	
aag ttt act tgc ccc atg cca ggc gtc tac ttc ttc gct tac cac gtg	480
Lys Phe Thr Cys Pro Met Pro Gly Val Tyr Phe Phe Ala Tyr His Val	
145 150 155 160	
ctc atg cgc ggc ggc gac ggc acc agc atg tgg gcc gac ctc atg aag	528
Leu Met Arg Gly Gly Asp Gly Thr Ser Met Trp Ala Asp Leu Met Lys	
165 170 175	
aac gga cag gtc cgg gcc agc gcc att gct cag gac gcg gac cag aac	576
Asn Gly Gln Val Arg Ala Ser Ala Ile Ala Gln Asp Ala Asp Gln Asn	
180 185 190	
tac gac tac gcc agc aac agc gtc att ctg cac ctg gac gtg ggc gac	624
Tyr Asp Tyr Ala Ser Asn Ser Val Ile Leu His Leu Asp Val Gly Asp	
195 200 205	
gag gtc ttc atc aag ctg gac ggc ggg aaa gtg cac ggc ggc aac acc	672
Glu Val Phe Ile Lys Leu Asp Gly Gly Lys Val His Gly Gly Asn Thr	
210 215 220	
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<213> Homo sapiens

<400> 6

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Tyr	Asp	Tyr	Ala	Ser	Asn	Ser	Val	Ile	Leu	His	Leu	Asp	Val	Gly	Asp
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Pro	Arg	Gly	Ala	Ala	His	Tyr	Glu	Met	Met	Gly	Thr	Cys	Arg	Met	Ile	
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Cys	Asp	Pro	Tyr	Thr	Ala	Ala	Pro	Gly	Gly	Glu	Pro	Pro	Gly	Ala	Lys	
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Ala	Gln	Pro	Pro	Gly	Pro	Ser	Thr	Ala	Ala	Leu	Glu	Val	Met	Gln	Asp	
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ctc	agc	gcc	aac	cct	cct	cct	cct	ttc	atc	cag	gga	ccc	aag	ggc	gac	240
Leu	Ser	Ala	Asn	Pro	Pro	Pro	Pro	Phe	Ile	Gln	Gly	Pro	Lys	Gly	Asp	

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Pro Gly Arg Pro Gly Lys Pro Gly Pro Arg Gly Pro Pro Gly Glu Pro	
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ggc ccg cct gga ccc agg ggc cct ccg gga gag aag ggc gac tcg ggg	336
Gly Pro Pro Gly Pro Arg Gly Pro Pro Gly Glu Lys Gly Asp Ser Gly	
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cgg ccc ggg ctg cca ggg ctg caa ctg acg gcg ggc acg gcc agc ggc	384
Arg Pro Gly Leu Pro Gly Leu Gln Leu Thr Ala Gly Thr Ala Ser Gly	
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Val Gly Val Val Gly Gly Gly Ala Gly Val Gly Gly Asp Ser Glu Gly	
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Glu Val Thr Ser Ala Leu Ser Ala Thr Phe Ser Gly Pro Lys Ile Ala	
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Phe Tyr Val Gly Leu Lys Ser Pro His Glu Gly Tyr Glu Val Leu Lys	
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Phe Asp Asp Val Val Thr Asn Leu Gly Asn His Tyr Asp Pro Thr Thr	
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Gly Lys Phe Ser Cys Gln Val Arg Gly Ile Tyr Phe Phe Thr Tyr His	
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Ile Leu Met Arg Gly Gly Asp Gly Thr Ser Met Trp Ala Asp Leu Cys	
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aag aac ggg cag gtc cgg gcc agc gcc att gca cag gac gcc gac cag	720
Lys Asn Gly Gln Val Arg Ala Ser Ala Ile Ala Gln Asp Ala Asp Gln	
225 230 235 240	
aac tac gac tac gcc agt aac agc gtg gtg ctg cac ttg gat tca ggg	768
Asn Tyr Asp Tyr Ala Ser Asn Ser Val Val Leu His Leu Asp Ser Gly	
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gac gaa gtg tat gtg aag ctg gat ggc ggg aag gct cac gga ggc aat	816
Asp Glu Val Tyr Val Lys Leu Asp Gly Gly Lys Ala His Gly Gly Asn	
260 265 270	
aat aac aag tac agc acg ttc tcg ggc ttt ctt ctg tac ccg gat tag	864
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<212> PRT

<213> Homo sapien

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	210					215					220				
Lys	Asn	Gly	Gln	Val	Arg	Ala	Ser	Ala	Ile	Ala	Gln	Asp	Ala	Asp	Gln
225					230					235					240
Asn	Tyr	Asp	Tyr	Ala	Ser	Asn	Ser	Val	Val	Leu	His	Leu	Asp	Ser	Gly
				245					250					255	
Asp	Glu	Val	Tyr	Val	Lys	Leu	Asp	Gly	Gly	Lys	Ala	His	Gly	Gly	Asn
			260					265					270		
Asn	Asn	Lys	Tyr	Ser	Thr	Phe	Ser	Gly	Phe	Leu	Leu	Tyr	Pro	Asp	
		275					280					285			